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[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 13th May 2000

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and Amindivi Islands.

Telegraphic address "PATENTOFIS"

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Fax No. 044 490 1492

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Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Phone No. 247 4401
Fax No. 033 247 3851

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कलकत्ता, दिनांक 13 मई 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोंडी इस्टेट,
तीसरा तल, लोअर पररेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं मंच
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करंज बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं मंच शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटफिस"

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,

विंग "सी" (सी-4, ए),

तीसरा तल, राजाजी भवन,

बंगलूर नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
मंच शासित क्षेत्र, लक्षद्वीप, मिनिक्का
तथा एमिनिदिव द्वीप ।

तार पता - "पेटेंटफिस"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटफिस"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित
सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
कीस पेटेंट कार्यालय के केवल समीक्षित कार्यालय में ही प्रेषण
किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित
बैंक से नियंत्रक को भगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा
की जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part-III, Sec. 2 dated 12th February, 2000, in Page-91, Col. 2 application for Patent No. 752/Cal/1995 (183564) filed on 3rd July, 1995 read the Applicant as "STERLING CHEMICALS INTERNATIONAL INC.", of 1200 Smith Street, Suite 1900, Houston, Texas 77002 4312, United States of America instead of CYTEC TECHNOLOGY CORP., of 1105 North Market Street, Suite 1300, Wilmington State of Delaware 19801, United States of America.

National phase application for patent under PCT
(Chapter-1) filed from 16-11-99 to 18-11-99

National Phase Application No. : IN/PCT/99/00091.
Date of Receipt : 16 November 1999.
PCT Application No. : PCT/FR99/00637.
PCT Filing Date : 19 March 1999.

Applicant(s) & Inventor(s) : SOCIETE NATIONALE
D'ETUDE ET DE CONSTRUCTION DE MOTEURS
D'AVIATION.

Title : PRESSURE SENSOR WITH COMPENSATION
FOR NULL SHIFT NON-LINEARITY AT VERY LOW
TEMPERATURES.

Priority No. : 98/03437.

Priority Date : 20 March 1998.

National Phase Application No. : IN/PCT/99/00092.

Date of Receipt : 16 November 1999.

PCT Application No. : PCT/US99/07552.

PCT Filing Date : 07 April 1999.

Applicant(s) & Inventor(s) : GENERAL DYNAMICS AND SYSTEMS, INC.

Title : MULTI-RANGE HYDROMECHANICAL TRANSMISSION FOR VEHICLES.

Priority No. : 09/056,929.

Priority Date : 08 April 1998.

National Phase Application No. : IN/PCT/99/00093.

Date of Receipt : 16 November 1999.

PCT Application No. : PCT/IB99/00307.

PCT Filing Date : 22 February 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE PHILIPS ELECTRONICS N.V.

Title : ARITHMETIC ENCODING/DECODING OF A DIGITAL INFORMATION SIGNAL.

Priority No. : 98200869.0.

Priority Date : 19 March 1998.

National Phase Application No. : IN/PCT/99/00094.

Date of Receipt : 16 November 1999.

PCT Application No. : PCT/IB99/00351.

PCT Filing Date : 02 March 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE PHILIPS ELECTRONICS N. V.

Title : TRANSMITTING DEVICE FOR TRANSMITTING A DIGITAL INFORMATION SIGNAL ALTERNATELY IN ENCODED FORM AND NON-ENCODED FORM.

Priority No. : 98200870.8.

Priority Date : 19 March 1998.

National Phase Application No. : IN/PCT/99/00095.

Date of Receipt : 16 November 1999.

PCT Application No. : PCT/IB99/00438.

PCT Filing Date : 16 March 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE PHILIPS ELECTRONICS N. V.

Title : METHOD AND APPARATUS FOR SIMULTANEOUSLY RECORDING AND REPRODUCING REAL TIME INFORMATION ON/FROM A DISC LIKE RECORD CARRIER.

Priority No. : 98200888.0.

Priority Date : 19 March 1998.

National Phase Application No. : IN/PCT/99/00096.

Date of Receipt : 17 November 1999.

PCT Application No. : PCT/IB99/00296.

PCT Filing Date : 18 February 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE ELECTRONICS N. V.

Title : A RADIO APPARATUS LOOP ANTENNA.

Priority No. 9806488.4.

Priority Date : 27 March 1998.

National Phase Application No. : IN/PCT/99/00097.

Date of Receipt : 17 November 1999.

PCT Application No. : PCT/IB99/00343.

PCT Filing Date : 01 March 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE PHILIPS ELECTRONICS N. V.

Title : RECORDING/REPRODUCTION AND/OR EDITING OF REAL TIME INFORMATION ON/FROM A DISC LIKE RECORD CARRIER.

Priority 98200888.0.

Priority Date : 19 March 1998.

National Phase Application No. : IN/PCT/99/00098.

Date of Receipt : 17 November 1999.

PCT Application No. : PCT/IB99/00439.

PCT Filing Date : 16 March 1999.

Applicant(s) & Inventor(s) : KONINKLIJKE PHILIPS ELECTRONICS N. V.

Title : RECORDING/REPRODUCTION AND/OR EDITING OF REAL TIME INFORMATION ON/FROM A DISC LIKE RECORD CARRIER.

Priority No. 98200888.0.

Priority Date : 19 March 1998.

National Phase Application No. : IN/PCT/99/00099.

Date of Receipt : 18 November 1999.

PCT Application No. : PCT/IB99/00232.

PCT Filing Date : 10 February 1999.

Applicant(s) & Inventor(s) : NORTHERN TELECOM LIMITED.

Title : BI-ORTHOGONAL CODE DIVISION MULTIPLE ACCESS SYSTEM.

Priority No. 09/032.183.

Priority Date : 27 February 1998.

National Phase Application No. : IN/PCT/99/00100.

Date of Receipt : 18 November 1999.

PCT Application No. : PCT/FR99/00723.

PCT Filing Date : 29 March 1999.

Applicant(s) & Inventors : RHODIA CHIMIE.

Title : COMPOSITION COMPRISING A LIQUID ADSORBED ON A SUPPORT BASED ON PRECIPITATED SILICA.

Priority No. : 98/03909.

Priority Date : 03 March 1998.

Application for the Patent filed at Patent Office Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-110005.

11-10-1999

1345/Del/99. Council of Scientific & Industrial Research, India. "A process for preparation of zirconium-containing aluminosilicate molecular sieve".

1346/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of stabilized pure phycocyanin".

1347/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of protein hydrolystate from legumes".

- 1348/Del/99. Council of Scientific & Industrial Research, India. "A process for the preparation of novel synergistic feed for the juvenile shrimps".
- 1349/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of protein hydrolysate from milk protein".
- 1350/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the treatment of spent wash using marine sponge to produce potable water".
- 1351/Del/99. Council of Scientific and Industrial Research, D/o Biotechnology, Govt. of India. "An improved process for the preparation of fibroplast".
- 1352/Del/99. Council of scientific and Industrial Research, India. "An improved process for the preparation of chirally enriched epoxide an intermediate in the synthesis of optically active drug".
- 1353/Del/99. Council of Scientific & Industrial Research, India. "A process for the preparation of novel chiral catalyst useful in preparation of chirally enriched epoxides".
- 1354/Del/99. Council of Scientific & Industrial Research, India. "A process for decolorization of molasses spent wash in distillery waste".
- 1355/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of protein hydrolysate from legumes".
- 1356/Del/99. Paul Wurth S.A. Luxembourg. "Material retaining flap valve for a feed hopper". (Convention date 30-10-98). Luxembourg.
- 1357/Del/99. Panacea Biotec Limited, India. "A novel antimigraine composition".
- 1358/Del/99. Panacea Biotec Limited, India. "A novel antimigraine composition".
- 1359/Del/99. Ethyl Corporation, U.S.A. "Turbine oils with excellent high temperature oxidative stability". (Convention date 16-10-98). U.S.A.
- 1360/Del/99. Praxair Technology, Inc., U.S.A. "Method and apparatus for enhancing carbon dioxide recovery".
- 1361/Del/99. Pfizer Products, Inc., U.S.A. "Sertraline oral concentrate". (Convention date 13-10-98). U.S.A.
- 12-10-1999
- 1362/Del/99. ELF Atochem S.A., France. "Process for drying difluoromethane". (Convention date 8-12-98). France.
- 1363/Del/99. Meritor Heavy Vehicle Systems, LLC., U.S.A. "Output shaft arrangement for manual transmission auxiliary boxes". (Convention date 12-11-98). U.S.A.
- 1364/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan. "Vehicle including engine stopping/starting control unit". (Convention dates 28-12-98, 14-1-99) Japan.
- 13-10-1999
- 1365/Del/99. Pfizer INC., U.S.A. "Adenine derivatives". (Convention dates 16-10-98, 19-11-98 & 19-4-99). Great Britain.
- 1366/Del/99. Pfizer Products, Inc., U.S.A. "Process and intermediates for A β ₃ adrenergic receptor Agonist". (Convention dates 15-10-98 & 23-7-99). U.S.A.
- 1367/Del/99. Rhone-poulenc Roper S.A., France. "4, 10-diacetoxy - 2 α -benzoyloxy - 5 β , 20-epoxy-1, 7 β -dihydroxy-9-oxotax-11-en-13 α -YL (2R, 3S)-3-benzoylamino-2-hydroxy-3-phenylpropionate trihydrate". (Convention date 25-1-95). France
- 1368/Del/99. Chief Controller, Research and Development, Ministry of Defence, Govt. of India, India. "An improved portable gas chromatograph".
- 1369/Del/99. Chief Controller, Research and Development, Ministry of Defence, Govt. of India, India. "An improved boronising mixture and a process for preparation thereof".
- 1370/Del/99. International Business Machine Corporation, U.S.A. "A method for sharing data among a plurality of applications in a hand-held device".
- 14-10-1999
- 1371/Del/99. Airborne Industrial Minerals Inc., Canada. "Wet granulation method for generating granules".
- 1372/Del/99. Airborne Industrial Minerals Inc., Canada. "Fertilizer granulation method".
- 1373/Del/99. Imperial Chemical Industries Plc., England. "A process for the production of an a-fluoroether". (Convention date 11-12-91). U.K.
- 1374/Del/99. Asahi Trading Co., Ltd., Suetomi Engineering Co., Japan. "Device for coloring spinning yarn material". (Convention date 21-5-99). Japan.
- 1375/Del/99. Meritor Heavy Vehicle Systems LLC., U.S.A. "Brake shoe assembly having a brake lining wear and temperature sensor". (Convention date 3-11-98). U.S.A.
- 1376/Del/99. The Procter & Gamble Company, U.S.A. "A pharmaceutical composition".
- 15-10-1999
- 1377/Del/99. Tal-wook Yoon, Korea "Method for culturing langerhans islets and islet autotransplantation islet regeneration". (Convention date 17-10-98). Korea.
- 1378/Del/99. University of Delhi, India "A process for the isolation of optically pure s-enantiomer of cyanohydrin of m-phenoxybenzaldehyde".
- 1379/Del/99. University of Delhi, India. "A process for the preparation of lipase from the fungus aspergillus carneus".
- 1380/Del/99. Chief Controller, Research and Development, Ministry of Defence, Govt. of India, India. "An improved rodenticide bait".
- 1381/Del/99. Sony Corporation, Japan. "Data transmission control apparatus and data transmission method". (Convention date 19-10-98). Japan.
- 1382/Del/99. Climcon A/s, Denmark. "A heat exchanger device for an air conditioning system".
- 1383/Del/99. Pfizer Products, Inc., U.S.A. "Process and intermediates for preparing nicotinamide derivatives". (Convention date 21-10-98). U.S.A.
- 18-10-1999
- 1384/Del/99. Praxair Technology, Inc., U.S.A. "Process for intensifying fast plug flow reactions using a high intensity tubular reactor".
- 1385/Del/99. Praxair Technology, Inc., U.S.A. "Ballast gas use in liquid phase oxidations".
- 20-10-1999
- 1386/Del/99. Praxair Technology, Inc., U.S.A. "Pressure swing adsorption method for production of an Oxygen-enriched gas".
- 1387/Del/99. Construcciones Aeronauticas, S.A. Spain. "A system for the modification of the rigidity/damping properties of structural joint". (Convention date 18-11-98). Spain.
- 1388/Del/99. Pfizer Research and Development Company, Ireland. "Controlled-release pharmaceutical formulations". (Convention dates 23-10-98, 27-10-98 and 16-11-98) U.K.

21-10-1999

- 1389/Del/99. U.P. Asbestos Limited, India. "A composition for use for the manufacture of asbestos-fibre-cement products and a process for the preparation thereof".
- 1390/Del/99. Deepak Madan, Allahabad, India. "Natural movement".
- 1391/Del/99. Eastman Kodak Company, U.S.A. "Thin durable photographic element". (Convention date 20-11-98) U.S.A.
- 1392/Del/99. Eastman Kodak Company, U.S.A. "Superior photographic elements including biaxially oriented polyolefin sheets". (Convention date 23-11-98) U.S.A.
- 1393/Del/99. The General Hospital Corporation, U.S.A. "A method for encoding chimeric receptor". (Convention date 24-2-95) U.S.A.
- 1394/Del/99. Pfizer Inc., U.S.A. "Pyrazolopyrimidinone CGMP PDE5 inhibitors for the treatment of sexual dysfunction". (Convention date 23-10-98) Great Britain.
- 1395/Del/99. Grove U.S. L.L.C., U.S.A. "Lift method and apparatus with floating lift cylinder attachment". (Convention date 2-11-98) U.S.A.
- 1396/Del/99. Hyundai Motor Company, Korea. "Car glass mounting system". (Convention date 30-12-98) Korea.

22-10-1999

- 1397/Del/99. Dr. Sunil Pandey, Assistant Professor, Department of Mechanical Engineering, India. "Universal electrode holder for shielded metal arc welding and method of use thereof".
- 1398/Del/99. Council of Scientific & Industrial Research, India. "A process for the preparation of an improved rhodium catalyst".
- 1399/Del/99. Council of Scientific & Industrial Research, India. "A novel composition useful for removing organic coatings from solid surfaces and a process for preparing the said composition".
- 1400/Del/99. Council of Scientific & Industrial Research, India. "A process for the production of zinc powder".
- 1401/Del/99. Council of Scientific & Industrial Research, India. "A formulation useful as contact adhesive for leather, rubber and pvc surfaces".
- 1402/Del/99. Council of Scientific & Industrial Research, India. "A process of isolation of novel compound 2, 6-dihydroxy-2-()-3 (2H)-benzofuranone-7-C-B-D-glucopyranoside from pterocarpus marsupium".
- 1403/Del/99. Council of Scientific & Industrial Research, India. "An improved super capacitor".
- 1404/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of 20-oxopregnenane compounds".
- 1405/Del/99. Council of Scientific & Industrial Research, India. "A process for the isolation of novel compound 8-(C-B-D-Glucopyranosyl)-7-3, 4'-trihydroxyflavone from pterocarpus marsupium".
- 1406/Del/99. Bayer Aktiengesellschaft, Germany. "Active compound combinations having insecticidal and acaricidal properties". (Convention date 23-10-98) Germany.
- 1407/Del/99. Honda Giken Kogyo Kabushiki Kaisha, Japan. "Cam chain guide attachment structure". (Convention date 2-11-98) Japan.
- 1408/Del/99. Morgan Construction Company, U.S.A. "Cooling pot with vertically adjustable coil plate". (Convention dates 30-10-98 and 12-10-98) U.S.A.

1409/Del/99. Pfizer Products, Inc., U.S.A. "Stereoselective microbial reduction of a racemic tetralone". (Convention date 29-10-98) U.S.A.

1410/Del/99. The Procter & Gamble Company, U.S.A. "5-(2-imidazolinylamino) benzimidazole compounds useful as alpha-2 adrenoceptor agonists".

1411/Del/99. University of Delhi, India. "A process for the preparation of low temperature alkaline lipase from the fungus fusarium species".

26-10-1999

1412/Del/99. BTG International Limited, England. "A process for the preparation of a naphthoquinone derivative". (Convention date 13-11-95) U.K.

1413/Del/99. BTG International Limited, England. "A process for the preparation of naphthoquinone derivative". (Convention date 10-1-95) U.K.

1414/Del/99. Nihon Nohyaku Co., Ltd., Japan. "A pharmaceutical composition". (Convention date 8-7-95) Japan.

1415/Del/99. Praxair Technology, Inc., U.S.A. "Method for integrating a blast furnace and a direct reduction reactor using cryogenic rectification".

1416/Del/99. Hyundai Motor Company, Korea. "Semi-active muffler for internal combustion engine". (Convention date 18-2-99) Korea. (Convention date 10-6-99) Korea.

27-10-1999

1417/Del/99. Council of Scientific & Industrial Research, India. "Isolation of a bioactive fraction mainly containing iridoid glucosides from barleria prionitis linn".

1418/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of 2-nitrimino-13-diazacyclopentane".

1419/Del/99. Council of Scientific & Industrial Research, India. "A process for the preparation of water soluble polyanilines".

1420/Del/99. Council of Scientific & Industrial Research, India. "An improved process for the preparation of ferrocene capped olefines".

1421/Del/99. Council of Scientific & Industrial Research, India. "A novel composition for the manufacture of improved corrosion resistant portland pozzolana cement. A process for the manufacturing of improved portland pozzolana cement and portland pozzolana cement made thereby".

1422/Del/99. The Procter & Gamble Company, U.S.A. "Medicated tissue paper product". (Convention date 19-12-94) U.S.A.

1423/Del/99. Praveen Singh, Punjab, India. "A disposable one-time syringe".

28-10-1999

1424/Del/99. Sunil Pandey, Deptt. of Mechanical Engineering, India. IITD. "Plasma enhanced shielded metal arc welding, surfacing, oxygen arc lancing and cutting processes".

1425/Del/99. Telik Inc., U.S.A. "A compound". (Convention dates 7-6-95 & 19-4-96) U.S.A.

1426/Del/99. Gist-Brocades B.V. Netherlands. "Process of producing blactam antiniotics antibiotics applying microorganisms with increased ligas activity".

1427/Del/99. Bayer Aktiengesellschaft, Germany. "Optionally substituted 8-cyano-1-cyclopropyl-7-[2, 8-diazabicyclo (4.3.0) nonan-8-yl]-6-fluoro-1, 4 dihydro-4-oxo-3-quinolinecarboxylic acids and their derivatives". (Convention date 23-2-96 & 22-8-96) Germany.

28-10-99

- 1428/Del/99. General Electric Company, U.S.A. "Method and apparatus for a hybrid battery configuration for use in an electric or hybrid electric motive power system". (Convention date 12-11-98) U.S.A.

- 1439/Del/99. Hunter Douglas International BV, The Netherlands. "Holder for a depending architectural covering". (Convention date 3-11-98 & 11-02-99 and 07-07-99), Europe.

- 1440/Del/99. Shakeel Ahmed, India. "Machine set".

29-10-99

- 1429/Del/99. Colgate-Palmolive Company, U.S.A. "Insect repelling compositions comprising mixtures of an N-Alkyl neoalkanamide and deet" (Convention date 10-6-96) U.S.A.

- 1430/Del/99. Zeneca Limited, England "Treatment for gastric asthma" (Convention date 30-10-98) U.S.A.

- 1431/Del/99. The Secretary of State for Defence, Defence Evaluation & Research Agency, U.K. "Pharmaceuticals and assays using enzyme subunits" (Convention date 22-2-95) U.K.

04-11-99

- 1441/Del/99. Steel Authority of India Limited, India. "A process of preparing alumina-magnesia-carbon bricks for application in steel ladle".

- 1442/Del/99. UOP LLC, U.S.A. "A process for the preparation of a biodegradable detergent alkylbenzene sulfonate".

- 1443/Del/99. Cosmo Films Ltd., India. "A biaxially oriented film and a process thereof".

- 1444/Del/99. Elliott Turbomachinery Co. Inc., U.S.A. "Individually Replaceable and reversible insertable steam turbine nozzle". (Convention date 05-11-98), U.S.A.

01-11-99

- 1432/Del/99. Harvinder Singh, India. "Non-sticking cooking vessel".

05-11-99

- 1445/Del/99. Council of Scientific and Industrial Research, India. "An improved process for the production of E-Anethole".

02-11-99

- 1433/Del/99. Ashok Kumar, India. "A diagnostic kit for detection of synthetic milk".

- 1434/Del/99. Dharam Narayan Sharma, India. "A process for preparing plaster of paris".

- 1446/Del/99. Council of Scientific and Industrial Research, India. "An improved process for the synthesis of 1-oxo-1, 2, 3, 4, 6, 7, 12, 12a-octahydropyrazino (2', 1' : 6, 1) pyrido (3, 4-b) indole.

- 1435/Del/99. International Business Machine Corporation, U.S.A. "Query optimization with deferred updates and autonomous sources" (Convention date 16-11-98), U.S.A.

- 1447/Del/99. Council of Scientific and Industrial Research, India. "An improved process for the treatment of black liquor waste using marine sponge to produce potable water"

- 1436/Del/99. International Business Machine Corporation, U.S.A. "Systems, method and computer program products for ordering objects corresponding to database operations that are performed on a relational database upon completion of a transaction by an object-oriented transaction systems". (Convention date 31-12-98), U.S.A.

- 1448/Del/99. Council of Scientific and Industrial Research, India. "A process for the preparation of 11, 12-dehydrode-oxyartemisinin".

- 1437/Del/99. International Business Machine Corporation, U.S.A. "Method, system and data structure for splitting language and locale properties in a data processing system". (Convention date 15-12-98), U.S.A.

- 1449/Del/99. Council of Scientific and Industrial Research, India. "A process for the preparation of 6-(naphthylvinyl)-1, 2, 4-trioxanes, useful as antimalarial agents".

- 1450/Del/99. Council of Scientific and Industrial Research, India. "Novel 6-(naphthylvinyl)-1, 2, 4-trioxanes, useful as antimalarial agents".

03-11-99

- 1438/Del/99. UCB, S.A., Belgium, "Process for the preparation of a compound". (Convention date 10-04-96), Belgium.

- 1451/Del/99. Council of Scientific and Industrial Research, India. "A process for preparation of novel 1-(4-aryl/hetero-arylpiperazin/ piperidin -1-yl) -n-(quinoloxo-6/7/8-yl/4-(un) substituted pyrrolidin-2-oxo-1-yl) alkanes/alkanones and their salts as potential therapeutic agents.

- 1452/Del/99. Council of Scientific and Industrial Research, India. "Novel 1-(4-aryl/heteroaryl)piperazin/piperidin-1-yl) -n- (quinoloxo-6/7/8-yl/4-(un) substituted pyrrolidin-2-oxo-1-yl) alkanes/alkanones and their salts as potential therapeutic agents and a process for synthesis thereof".
09-11-1999
- 1453/Del/99. Council of Scientific and Industrial Research, India. "A process for making sintered silicon carbide-prase-odymium oxide-aluminium oxide composite useful as engineering ceramics".
- 1454/Del/99. Council of Scientific and Industrial Research, India. "A process for the preparation of debittered beverage from root of *declaepis hamiltonii*".
- 1455/Del/99. Council of Scientific and Industrial Research, India. "An improved process for the preparation of stablized enzymes".
- 1456/Del/99. Council of Scientific and Industrial Research, India. "A process for making precursor powders for preparing dense hexagonal boron nitridemullite composite and a process for preparing dense hexagonal boron nitride-mullite composite".
- 1457/Del/99. Council of Scientific and Industrial Research, India. "A process for making sintered silicon carbidelanthanum oxide-aluminium oxide composites".
- 1458/Del/99. Council of Scientific and Industrial Research, India. "A process for making silicon carbide-mullite-alumina Nano composite useful for making industrial components".
- 1459/Del/99. Council of Scientific and Industrial Research, India. "A process for preparation of liquid crystalline polylesters".
- 1460/Del/99. Council of Scientific and Industrial Research, India. "An improved process for purification of phosphogypsum".
- 1461/Del/99. L'Airliquide, Societe Anonyme Pour L'Etude Et L'Exploitation Des procedes georges Claude", France. "Process for distilling a gas mixture".
08-11-1999
- 1462/Del/99. General Electric Company, U.S.A. "Compensating an MRI system for residual magnetization". (Convention date 23-11-98), U.S.A.
- 1463/Del/99. General Electric Company, U.S.A. "A method for compensating an MRI system for residual magnetization". (Convention date 23-11-98). USA.
- 1464/Del/99. Samsung Electronics Co. Ltd., Korea. "Recording medium having spare area for defect management & information on defect management, & method of allocating spare area & method of managing defects". (Convention date 10-11-98 & 10-2-99), Korea.
- 1465/Del/99. Chief Controller, Research & Development, India. "A panoramic viewing device".
- 1466/Del/99. Chief Controller, Research & Development, India. "An apparatus to interface graphic controller chip with SVGA monitor".
- 1467/Del/99. Chief Controller, Research & Development India. "A method of constructing gradient lens".
- 1468/Del/99. Chief Controller, Research & Development, India. "A low burn rate composite propellant & process for preparation thereof".
- 1469/Del/99. Steel Authority of India Ltd., India. "A process for producing steel sheet/strips free of oxide/mill scales & a system used therefor".
10-11-1999
- 1470/Del/99. The Procter & Gamble Company, USA. "Disposable pull-on garment having improved disposal device". (Convention date 10-11-98), U.S.A.
- 1471/Del/99. Sitia-Yomo S.P.A., Italy. "Beverages containing live lactic bacteria". (Convention date 18-1-99), U.K.
- 1472/Del/99. International Business Machines Corporation, U.S.A. "Circuits & method for implementing autonomous bequential logic". (Convention date 29-12-98). EPA.
- 12-11-1999
- 1473/Del/99. Bayer Corporation, U.S.A. "Inhibition of matrix metalloproteases by 2-substituted-4-(4-substitutedphenyl)-4-oxobutyric acids" (Convention date 15-05-96), U.S.A.
- 1474/Del/99. Eastman Chemical Company, U.S.A. "A process for the preparation of cyclopropanecarboxamide".
- 1475/Del/99. Medinol Ltd., Israel. "Apparatus & method for securing a stent on a ballon". (Convention date 22-12-98 & 23-07-99), U.S.A.
- 1176/Del/99. Department of Biochemistry, University of Delhi South Campus, India. "A process for the isolation and purification of protein p 17 of HIV-1 subtype B and C".
- 1477/Del/99. Department of Biochemistry, University of Delhi South Campus, India. "A process for the isolation & purification of protein p 24 of HIV-1 subtype B".
- 1478/Del/99. Department of Biochemistry, University of Delhi South Campus, India. "A process for the isolation & purification of protein p 24 of HIV-1 subtype C".

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATE, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), MUMBAI-400 013.

20-12-1999

- 933/Bom/1999. Angerlenner Hoch-Und Tief Bau GMBH. "Device for Milling or Enlarging the inside diameter or the inside contour of an earthwork" Priority dt. 12-12-98 (Austria).
- 934/Bom/1999. Gufic Healthcare Ltd. "A composition for curing and/or alleviating inflammation method of preparing said composition and a method for curing and/or alleviating inflammation using said composition".
- 935/Bom/1999. Bhupendra Mohanlal Gajjar. "An improved polyphase motor with on-line torque setting and torque holding mechanism".
- 936/Bom/1999. Dandekar Gajanan Govind. "Improved electric water heater".
- 937/Bom/1999. M/s. Alembic Limited. "A process of producing Megatrex capsules".
- 938/Bom/1999. Lalit Surana. "Best Spray & Cooling System".

21-12-1999

- 939/Bom/1999. Agco Limited. "Differential lock and four wheel drive control arrangement". Priority date 23-12-98 (U.K.).
- 940/Bom/1999. Agco Limited. "Differential lock engaging arrangement".
- 941/Bom/1999. Praxair Technology, INC. "Method for production of Nitric Acid".
- 942/Bom/1999. Suresh Takle. "Elongate tubular elements screen printing machine".

22-12-1999

- 943/Bom/1999. Praxair Technology, INC. "Method for production of Hydroxylammonium phosphate in the synthesis of caprolactam".
- 944/Bom/1999. Praxair Technology, INC. "Method for production of Hydroxylamine sulfate in the conventional process for the synthesis of caprolactam".
- 945/Bom/1999. Delaware Capital Formation, INC. "Top operated bottom outlet valve assembly" Priority dt. 24-12-98 (U.S.A.).

23-12-1999

- 946/Bom/1999. Indian Petrochemicals Corporation Limited. "Process for the preparation of Para-Ethyl Phenol".
- 947/Bom/1999. Indian Petrochemicals Corporation Limited. "Process for the manufacture of improved Adsorbent Type X".
- 948/Bom/1999. Indian Petrochemicals Corporation Limited. "Process for the manufacture Molecular Sieve Adsorbent Type A".
- 949/Bom/1999. Zeneca Limited. "Chemical Compounds". Priority dates 24-12-98 and 17-6-99 (U.K.).
- 950/Bom/1999. Zeneca Limited. "Chemical Compounds". Priority dt. 24-12-98 (U.K.).
- 951/Bom/1999. Niranjana Chhotalal Mehta. "Process of manufacturing sorbet using whey obtained in cheese manufacture".

24-12-1999

- 952/Bom/1999. Prof. Dr. Victor Mikhailovich Inyushin, Citizen of Khazakhstan. "Apparatus for treatment of water".
- 953/Bom/1999. Pfizer Products, INC. "3, 3-Biaryl piperidine and 2, 2-Biarylmorpholine derivatives" Priority dt 29-12-98 (U.S.A.).
- 954/Bom/1999. Chugoku Marine Paints, Ltd. "Silyl (Meth) acrylate copolymers, process for preparing the same, antifouling paint composition containing the Silyl (Meth) acrylate copolymers, antifouling coating films formed from the antifouling paint compositions, antifouling methods using the antifouling paint compositions, and hulls or underwater structures coated with the antifouling coating films" Priority dates (1) 28-12-98 (2) 28-12-98 (3) 11-1-99 (4) 13-5-99 (5) 13-5-99 (Japan).
- 955/Bom/1999. Renk Aktiengesellschaft. "Gear" Priority date 28-12-98 (Germany).
- 956/Bom/1999. Gujarat Propack Limited. "A composition for producing a bopp film having silky finish and a process for producing the same".

27-12-1999

- 957/Bom/1999. Goa University. "An improved process for the preparation of carbonates".
- 958/Bom/1999. United Phosphorous Limited. "A process for preparation of Dry Flow, Low Compact, Dust Free soluble granules of acephate".
- 959/Bom/1999. Ormat Industries Ltd. "Waste heat recovery in an organic energy converter using an intermediate liquid cycle" Priority date 3-12-98 (U.S.A.).
- 960/Bom/1999. Huntsman ICI Chemical LLC. "Process for the Synthesis of Polycarbamates".
- 961/Bom/1999. Huntsman ICI Chemicals LLC. "Process for the production of Aromatic Polycarbamates".

28-12-1999

- 962/Bom/1999. Praxair Technology, INC. "Method for providing refrigeration".
- 963/Bom/1999. Praxair Technology, INC. "Method for carrying out subambient temperature, especially cryogenic separation using refrigeration from a multicomponent refrigerant fluid".
- 964/Bom/1999. Praxair Technology INC. "Multicomponent refrigerant cooling with internal recycle".
- 965/Bom/1999. Praxair Technology, INC. "Cryogenic industrial gas liquefaction with Hybrid Refrigeration Generation".
- 966/Bom/1999. Praxair Technology, INC. "Variable load generation system particularly for cryogenic temperatures".
- 967/Bom/1999. Praxair Technology, INC. "Cryogenic rectification system with hybrid refrigeration generation".
- 968/Bom/1999. Praxair Technology, INC. "Single circuit cryogenic liquefaction of industrial gas".
- 969/Bom/1999. Praxair Technology, INC. "Multiple circuit cryogenic liquefaction of industrial gas".
- 970/Bom/1999. Goa University. "Novel rare earth phosphate glasses and a process for the preparation of said glasses".
- 971/Bom/1999. Cipla Limited. "A pharmaceutical composition containing as active ingredients sildenafil or a suitable physiologically accepted salt thereof in particular a composition for intra nasal administration".

972/Bom/1999. Cipla Limited. "New polymorphic forms of olanzapine".

973/Bom/1999. L'Amar International Pvt. Ltd. "Topical medical composition".

974/Bom/1999. L'Amar International Pvt. Ltd. "Compositions for topical applications".

975/Bom/1999. L'Amar International Pvt. Ltd. "Topical medical compositions".

976/Bom/1999. L'Amar International Pvt. Ltd. "Compositions for topical applications".

977/Bom/1999. Cipla Limited. "New polymorphic forms of olanzapine".

978/Bom/1999. Cipla Limited. "A pharmaceutical composition containing as active ingredients sildenafil or a suitable physiologically accepted salt thereof in particular a composition for intranasal administration".

29-12-1999

979/Bom/1999. Sun Pharmaceutical Industries Ltd. "Process for the preparation of a polymorph of 4 (ARYL) 3, 4-Dihydro-1 (2H)-Naphthalencamine derivative".

980/Bom/1999. ELF Atochem S.A. "Vinyl chloride based polymere suitable for giving plastisols having specific properties and process for obtaining them" Priority dt. 29-12-98 (France).

981/Bom/1999. Dhananjay Prabhakar Khengar. "Power saving & profit making set for water pump".

982/Bom/1999. Laxman Pandurag Kulkarni. "An improve process for the preparation of ayurvedic composition for treatment of Acne, Pimples and Clean Face".

30-12-1999

983/Bom/1999. Tata Johnson Controls Automotive Ltd. "Improved latch for vehicle rear seat".

984/Bom/1999. Tata Johnson Controls Automotive Ltd. "Rear seat rear panel for automotive vehicle".

985/Bom/1999. Vasant Vyankatesh Apte. "An improved hartford type bolster".

986/Bom/1999. Indian Oil Corporation Limited. "A process for the preparation of fluid catalytic cracking catalyst additive composition".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-4 'A'), THIRD FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090.

20-12-1999

1201/Mas/99. (1) Duraiswamy Narayanaswamy & (2) Duraiswamy Natarajan Automised grain roaster with a rotating inner container.

1202/Mas/99. Indian Space Research Organisation. A process and a device for making magnesium lithium alloy.

1203/Mas/99. F. Hoffmann-La Roche AG. Aryl carboxylic acid and tetrazole derivatives. (December 23, 1998; U.S.A.).

1204/Mas/99. Institut Francais Du Pétrole. Euo zeolite comprising crystals and aggregates of crystals with specific granulometrys and its use as a catalyst; in the isomerisation of C8 aromatic compounds. (December 23, 1998; France).

1205/Mas/99. (1) Agip Petroli Sp A (2) Enitechnologie Sp A. Catalytic composition for the upgrading of hydrocarbons having boiling temperatures within the naphtha range. (December 22, 1998; Italy).

1206/Mas/99. Dr Jose Thaikattil. A disposable medical syringe.

21-12-1999

1207/Mas/99. Curtis Instruments, Inc. Engine oil change indicator system. (August 2, 1999; U.S.A.).

1208/Mas/99. Shimano Inc. Method of heating and quenching a hollow metal member. (January 28, 1999; USSN).

1209/Mas/99. Rocon International. Process for the preparation of improved novolac phenol-formaldehyde compositions and products made therefrom.

1210/Mas/99. Rocon International. Process for the preparation of improved resole-based phenol-formaldehyde compositions and products made therefrom.

22-12-1999

1211/Mas/99. Dr. P. K. Krishna Prasad. A method of developing a brinjay tree for higher yield and longer life of plant.

1212/Mas/99. Silicon Automation System Ltd. A novel memory architecture for parallel data access along any given dimension of an N-dimensional rectangular data array.

1213/Mas/99. Inventio AG. Detection of damage to the rope sheath of a synthetic fiber rope. (January 22, 1999; Europe).

1214/Mas/99. Inventio AG. Sheathed synthetic fiber rope. (January 22, 1999; Europe).

1215/Mas/99. Owens Brockway Plastic Products Inc. Dispenser package for fluent products and method of manufacture. (December 22, 1998; USSN).

1216/Mas/99. Baddam Anantha Reddy. A high power quality boost-converter with battery back-up.

23-12-1999

1217/Mas/99. Baddam Anantha Reddy. A high power quality 3 phase rectifier.

1218/Mas/99. Mathai Sreedhar zing. Control of contaminated gases and particulates from industries and vehicles to atmosphere.

1219/Mas/99. Indian Institute of Technology. A cutting tool insert with built-in provision for detecting flank wear of a predetermined value

1220/Mas/99. Inventio AG. Synthetic fiber cable. (January 22, 1999; Europe).

1221/Mas/99. ABB Research Ltd. Reinforced, pressure-resistant flexible tube for mechanical end-winding support for rotating electrical machines. (December 28, 1998; Germany).

1222/Mas/99. Asea Brown Boveri AG. Semiconductor element and method of manufacture. (December 29, 1998; Germany).

1223/Mas/99. Dr. Gadde Subhash Chander. A process of preparing potentised substances for treatment of viral diseases and exogenous toxic states by way of dynamised auto haemotherapy and/or dynamised auto fluid therapy.

24-12-1999

1224/Mas/99. Vinnolit Monomer GmbH. Process for the preparation of 1, 2-dichloroethane from oxychlorination. (January 28, 1999; Germany).

- 1225/Mas/99. Mobil Oil Corporation. Gasoline sulfur reduction in fluid catalytic cracking. (December 23, 1998; USSN).
 1226/Mas/99. Rama Krishna Iyer, Var. correcting equipment. (January 28, 1999; Germany).

27th December 1999

- 1226/Mas/99. Rama Krishna Iyer, Var. correcting equipment.
 1227/Mas/99. Rama Krishna Iyer, Varstart.
 1228/Mas/99. Pragati Engineering Works. All electric servomotor for CNC lathes.
 1229/Mas/99. Matsushita Electric Industrial Co. Ltd., Vibrator holding apparatus and portable electronic equipment having the same. (December 28, 1998; Japan).
 1230/Mas/99. Sumitomo Chemical Company Limited. Process for producing caprolactam. (December 28, 1998; Japan).
 1231/Mas/99. Koninklijke Philips Electronics N. V., Integrated circuit of inductive elements. (December 29, 1998; France).

28th December, 1999

- 1232/Mas/99. Brakes India Limited. Improved agricultural tractor disc brake assembly.
 1233/Mas/99. Societe des Produits Nestle S.A., Refill cartridge for a drink dispensing device and device designed for such a cartridge. (February 12, 1999; Europe).
 1234/Mas/99. Matsushita Electric Industrial Co. Ltd., Automatic gain control method and device. (January 8, 1999; Japan).
 1235/Mas/99. Lincoln Global Inc., High current welding power supply. (January 19, 1999; USSN).

30th December, 1999

- 1236/Mas/99. Odapurath Madamkuzhil Mohammed Shafi, Disposable shaving razor.

31st December 1999

- 1237/Mas/99. Perumalraja Dharma Krishnan and Perumalraja Siva Subramanian. A valve seat grinding machine.

ALTERATION OF DATE

- 183900 filed on 23-06-97.
 1682/Del/97 Anti date to 18-11-93.
 183906 (1272/Cal/97), Antedated to 15th Sep 1992.
 183909 (1791/Cal/98),—24th Jan 1996.
 183910 (1792/Cal/98)—24th Jan 1996.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such

opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर बांकीष्ट हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निबन्धक एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंतिम प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों, यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंतिम प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंतिम प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों, यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl.: 133A.

183891

Int. Cl.: H 02 P, 1/00.

AN APPARATUS FOR CONTROLLING AN ELECTRIC MOTOR.

Applicant: ALLEN-BRADLEY COMPANY, INC., / COMPANY ORGANISED UNDER THE LAWS OF THE STATE OF WISCONSIN, UNITED STATES OF AMERICA OF 1201 SOUTH SECOND STREET, MILWAUKEE, WISCONSIN 53204, UNITED STATES OF AMERICA.

Inventors : ROBERT JAY DELANGE—USA AND JOHN CHARLES MERRISON—U.S.A.

Application for Patent No. 111/Del/1991 filed on 12th Feb. 1991.

Appropriate Office for Opposition Proceedings Rule 4, (Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An apparatus for controlling an electric motor which is supplied by a source of alternating voltage, said apparatus comprising :

a contractor assembly 15 (RC₁, RC₂, RC₃) connected to said source of alternating voltage, said contractor assembly (15) connecting said source of alternating (30) voltage to said motor (10) when said contractor assembly (15) is rendered conductive by a control signal ;

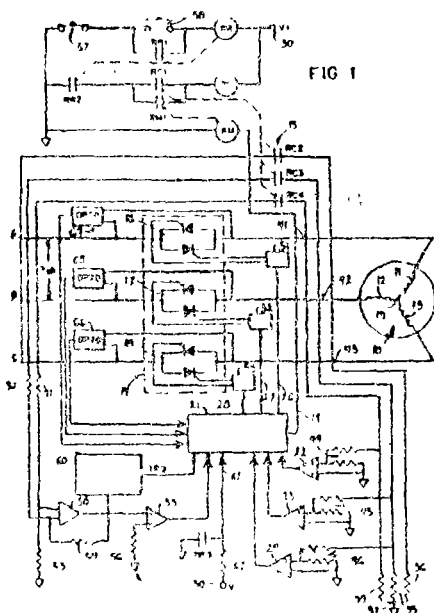
a thyristor switch (14) connected to said source of alternating voltage, (30) said thyristor switch (14) connecting said source of alternating voltage (30) to said motor (10) when said thyristor switch (14) is rendered conductive by trigger signals ;

a control circuit (20) connected to said contractor assembly (15) and to said thyristor switch, (14) and having

a first means, 21 (28) connected to said contractor assembly, (15) for producing said control signal for said contractor assembly, said first means discontinuing the production of said control signal after said control circuit (20) receives a command to stop said motor (10).

a second means, 21 (27) connected to said thyristor switch, (14) said trigger signals including speed reducing trigger signals, (14) for producing said trigger signals for said thyristor switch (14) which reduce the speed of said motor (10) after said control circuit (20) receives said command to stop said motor, (10) and

a synchronization circuit, 22, 23, 24 connected to said second means (21) and to said source of alternating voltage, (30) which synchronizes said speed reducing trigger signals to said source of alternating voltage (30).



(Compl. Specn. 12 Pages;

Drwgs. Sheets 2)

Ind. Cl. : 37A

183892

Int. Cl.⁴ : B04C 5/04.

A PROCESS FOR THE MANUFACTURE OF RUBBER CRUMB COMPATIBLE WITH PACKING REQUIREMENTS.

Applicant : EXXON CHEMICAL PATENTS INC, THE STAGE OF BELAWARE, UNITED STATES OF AMERICA 1900 EAST LINDEN AVENUE LINDEN NEW JERSEY 07036, UNITED STATES OF AMERICA.

Inventors :

1. GREGORY MARK VERO (AU).
2. BRENTON GEORGE JONES (AU) &
3. ROLAND CHARLES KO'WALSKI (US).

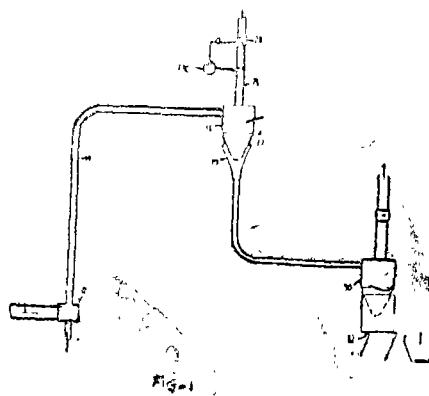
Application for Patent No. 256/Del/91 filed on 26-03-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process for the manufacture of rubber crumb compatible with packing requirements, said process being a two-step process for cooling rubber crumb comprising of :—

- (a) subjecting rubber crumb to a first stage air stream as heretofore described.
- (b) cooling said first stage air stream to a first temperature, said cooling being limited by the saturation temperature of said first stage air stream.
- (c) subjecting said cooled rubber crumb to an interstage separation to separate said cooled rubber crumb from said first stage air stream.
- (d) subjecting said cooled rubber crumb from said first stage air stream to a second stage air stream; and
- (e) further cooling said cooled rubber crumb in said second stage air stream to a second temperature said second temperature being lower than said first temperature.



(Compl. Specn. 16 Pages;

Drwg. 1 Sheet)

Ind. Cl. : 123 F.

183893

Int. Cl.⁴ : F 61 K 21/00.

Applicant : ASTRA AKTIEBOLAG, A SWEDISH COMPANY, OF S-15185 SOLFERTALJE, SWEDEN.

Inventors :

1. DAVID JOSEPH VELASQUEZ, USA
2. PETER DAVID HODSON, USA, AND
3. CLYDE DAVID CALHOUN, USA.

Application for Patent No. 364/Del/91 filed on 25th April, 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

13 Claims

A flexible sheet comprising at least a single layer and a plurality of discrete depressions in at least one surface thereof, each of said depressions having a depth of 5 to 500 μm , but less than the thickness of said sheet, and an opening, at the surface of said sheet of 10 to 500 μm across, said depressions in use of the sheet capable of being partially filled with micronized medicament, and the area of said surface between said depressions being substantially free of said micronized medicament.

(Compl. Specn. 15 Pages;

Drng 5 Sheets)

Ind. Cl. : S4 C 2.

183894

Int. Cl.⁴ : C 10 L 5/00.

A PROCESS FOR THE PRODUCTION OF FUEL BRIQUETTES FROM AGRICULTURAL WASTES.

Applicant : TATA EVERGY RESEARCH INSTITUTE OF JEEVAN TARA BUILDING, PARLIAMENT STREET, NEW DELHI-110001, A SOCIETY REGISTERED UNDER THE INDIAN SOCIETIES REGISTRATION ACT, 1890, INDIA.

Inventors :

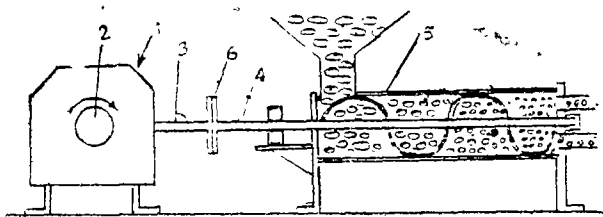
1. V.V.N. KISHORE, INDIAN
2. P. RAMAN, INDIAN AND
3. SUNIL DHINGRA, INDIAN.

Application for Patent No. 01/Del/91 filed on 5th July, 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of fuel briquettes from agricultural waste comprising pulverizing agricultural waste, adding a binder such as cow dung, clay, molasses or starch to said pulverized agricultural waste and then subjecting the same to the step of briquetting in a screw extruder, at a pressure of 4 to 10 kg/cm².



Fig

(Compl. Specn. 5 Pages;

Drng. 1 Sheet)

Ind. Cl. : 158 Et.

183895

Int. Cl.⁴ : B 61 K 3/00.

A RAIL VEHICLE WHEEL.

Applicant : SAB WABCO AB. A SWEDISH COMPANY, OF BOX 515, S-26124 LANDSKRONA, SWEDEN.

Inventor(s) : FRED SOREN EMILSSON, SWEDEN.

Application for Patent No. 1213/Del/91 filed on 9th Dec. 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A rail vehicle wheel, comprising a wheel centre, (1) a flanged tyre (2) and a rubber ring (3) which is provided between said wheel centre (1) and said flanged tyre (2) and which is held in position by a pressure ring (4) characterised in that said rubber ring (3) consists of an annular, axial body, (3') which partially fills the space afforded to it between said wheel centre (1) and said flanged tyre, (2) and there is at each side of said axial body (3') an integral flange (3'') which forms an angle, between 45—90° with the wheel axis and is slightly compressed when mounted.

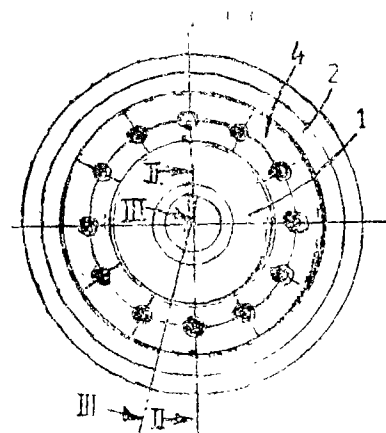


Fig 1

(Compl. Specn. 8 Pages;

Drng. Sheet Nil)

Ind. Cl. : 32 F, b, 55 Et.

183896

Int. Cl.⁴ : A 61 K 31/00, C 07 D 239/00.

PROCESS FOR THE PREPARATION OF 2-(4-(4-(4-CHLORO-1-PYRAZOLYL) BUTYL) -1-PIPERAZINYL) PYRIMIDINE (LESOPITRON).

Applicant : LABORATORIES DEL DR. ESTEVE, S.A. A SPANISH COMPANY, OF AV. MARE DE DEU DE MONTSERRAT, 221, 08026 BARCELONA/SPAIN.

Inventors :

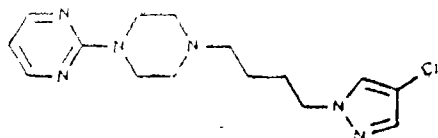
1. ROMON MERCE VIDAL, SPAIN AND
2. JORDI FRIGOLACONSTANSA, SPAIN.

Application for Patent No. 550/Del/94 filed on 4th May, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the preparation of 2-(4-(4-(4-Chloro-1-pyrazolyl) butyl) -1-piperazinyl) pyrimidine (Lesopitron) of formula 1 :



characterized in that the reaction between 2-(1-piperazinyl) pyrimidine, 4-chloropyrazole and the disubstituted aliphatic C_4 carbon chain of formula (III),



wherein X and Y, which may be identical or different, represent a leaving group such as herein described is carried out in a single step in a solvent selected from polar aprotic solvent, an alcohol or an aromatic hydrocarbon such as herein described.

(Compl. Specn. 7 Pages;

Drng. Sheet Nil)

Ind. Cl. : 32 F2b + 55 E4.

183897

Int. Cl.⁴ : A 61 K 31/00.

A PROCESS FOR THE PREPARATION OF NOVEL OPTICALLY PURE ALKALINE SALTS OF OMEPRazole.

Applicant : AKTIEBOLAGET ASTRA, A SWEDISH COMPANY, OF S-151 85 SODERTALJE, SWEDEN.

Inventors :

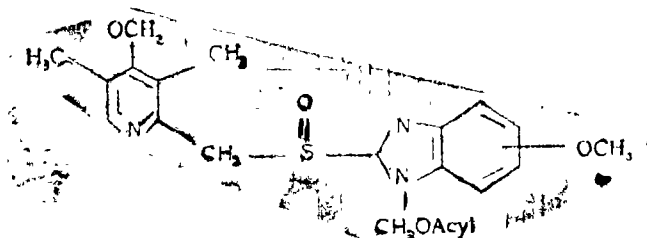
1. PER LENNART LINDBERG, SWEDEN AND
2. SVERKER VON UNGE, SWEDEN.

Application for Patent No. 562/Del/94 filed on 6th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the preparation of novel optically pure alkaline salts of omeprazole comprising separating in any known manner a diastereomeric ester of formula IV :



wherein Acyl designated a chiral acyl group such as mande-loyl, having either R or S configuration, dissolving each of the separated diastereomers in an alkaline solution of the kind, described herein before to hydrolyze the acyloxymethyl group and give the optically pure compound, and f desired neutralizing said optically pure compound to crystalline form in any known manner.

(Compl. Specn. 25 Pages;

Drng. Sheet Nil)

Ind. Cl. : 55 F + 55 E1

183898

Int. Cl.⁴ : A 61 K 39/00

"A METHOD OF PREPARING VACCINE COMPOSITION COMPRISING OF PHOSPHAZENE POLYELECTROLYTES AS IMMUNOADJUVANTS".

Applicant : VIRUS RESEARCH INSTITUTE INCORPORATED UNDER THE LEW OF STATE OF DELAWARE, U.S.A. AND WHOSE ADDRESS IS 61 MOULTON STREET, CAMBRIDGE, MASSACHUSETTS 02138 U.S.A.

Inventor(s) : ALEXANDER K. ANDRIANOV—U.S.A., SHARON A. JENKINS—U.S.A., LENDON G. PAYNE—U.S.A., AND BYRAN E. ROBERTS—U.S.A.

Application for Patent No. 873/Del/94 filed on 12th July, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(4 Claims)

A method of preparing vaccine composition comprising one part of water soluble phosphazene polyelectrolyte of the formula (1)



wherein A and B can vary independently in the polymer, and can be :

(i) a group that is susceptible to hydrolysis under the conditions use : or

(ii) a group that is not susceptible to hydrolysis under the conditions of use selected from the group consisting of aliphatic, aryl, aralkyl, alkaryl, carboxylic acid, heteroaromatic, heteroalkyl, (aliphatic) amino- heteroalkyl, di (aliphatic) amino-arylamino-, diarylamino-, alkylarylamino-, oxyaryl, -oxyphenyl CO2 H, -oxyphenyl SO3 H, -oxyphenyl-hydroxyl, -xyphenyl PO3H, -oxyaliphatic, -oxyalkl, -oxy (aliphatic) CO2H, -oxy (aliphatic) SO3H, -oxy (aliphatic) P03H, -oxy (aliphatic) hydroxyl, -oxyaralkyl, -thioaryl, -thioaliphatic, -thioalkaryl, thioaralkyl, or - NHC (0) 0- (aryl or aliphatic), -O-, (CH2) x 0) Y)-(CH2) x NH2, -O-(CH2) x 0) Y-CH2) x NH (CH2) x SO3H, and -O-(CH2) x 0) Y - (aryl or aliphatic), wherein X is 1—8 and Y is in integer of 1 to 20; and

wherein n is between 10 and 20,000.

and 0.5-0.0001 part of antigen of the kind such as herein described, which comprises mixing the said phosphazene polyelectrolyte with the said antigen by stirring the solutions of the said phosphazene polyelectrolyte and antigen until a solution or suspension is obtained for ten-minutes or more at 25°C to obtain the vaccine composition.

(Compl. Specn. : 33 pages;

Drwg. : Nil sheets)

Ind. Cl. : 60 X 2b

183899

Int. Cl.⁴ : A 61 K 9/22

"A PROCESS FOR THE PREPARATION OF MOULDED POLYMER FOR CONTROLLED RELEASE OF PHYSIOLOGICALLY ACTIVE AGENT".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) : MOHAN GOPALKRISHNA KULKARNI—INDIA AND LATE (MRS) ASAWARI ULHAS NADGAUDA—INDIA.

Application for Patent No. 1259/Del/94 filed on 5th Oct. 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A process for the preparation of moulded polymer for controlled release of physiologically active agent which comprises moulding by conventional methods such as herein described, the novel trifunctional amino acid based porous polymer such as herein described containing physiologically active agent desired to be released, and prepared by the process as herein described to desired shapes such as slabs, discs, microspheres, pellets, then contacting with a buffer having pH between 2—11 at 36 to 38°C in presence of a complementary enzyme to get polymer for controlled release of the said active agent.

(Compl. Specn. : 13 pages;

Drgns. : 3 sheets)

Ind. Cl. : 83 B3

183908

Int. Cl.⁴ : A 23 L 1/315

"METHOD OF PREPARING VINEGAR BASED CHICKEN GIZZARD PICKLE".

Applicant : ASHOK KUMAR SACHDEV, RAM GOPAL AND SAHEB SINGH VERMA, CENTRAL AVIAN RESEARCH INSTITUTE, IZATNAGAR (U.P.) 243 122.

Inventor(s) : ASHOK KUMAR SACHDEV—INDIAN, RAM GOPAL—INDIAN AND SAHEB SINGH VERMA—INDIAN.

Application for Patent No. 1682/Del/97 filed on 23th June, 1997.

Divisional out of Patent Application No. 1294/Del/93 filed on 18-11-93.

Anti dated to 18th Nov. 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

Method of preparing vinegar based chicken gizzard pickle comprised of cleaning and slicing of gizzards, pressure cooking at 15 lb pressure for 10 minutes, adding calculated quantities of spices/condiments including table salt 9%, peeled garlic and ginger 3.2% each; cumin, red chilli 0.6% each; aniseed, caraway, turmeric 0.3% each; cinnamon, clove and black pepper 0.2% each; refined mustard oil 1%; vinegar and water 19.5% each of the cleaned gizzard weight coke din mustard oil/vinegar solution and keeping for 72 hours to obtain ready to consume vinegar based chicken gizzard pickle.

(Compl. Specn. : 6 pages;

Drgns. 4 sheets)

Ind. Cl. : 68 E 3/129G

183901

Int. Cl.⁴ : B 23 H 1/02, 7/04

"A POWER SUPPLY SYSTEM FOR AN ELECTRIC DISCHARGE MACHINE".

Applicant : SODICK CO. LTD. 1-5-1, SHIN YOKOHAMA, KOHOKU-KU, YOKOHAMA, KANAGAWA 222, JAPAN.

Inventors :

1. YUJI KANEKO
2. TADAO UEDA
3. YOSHIHIRO WATANABE
4. TATSUO TOYONAGA

Application No. : 903/Cal/95; filed on 03-08-1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office; Calcutta.

12 Claims

A power supply apparatus for an electric discharge machine for machining a workpiece (3) by electric discharge by supplying a power pulse to a machining gap formed between a tool electrode (1) and the workpiece, comprising :

a direct current power source (8A);

a pulse generating device (7) for generating a series of pulse signals having a controlled ON time and a controlled OFF time;

a switch (8B) connected in series with the direct current power source (8A) and connected with the pulse generating device (7) to respond to the pulse signals, for generating direct current pulses from the direct current power source (8A);

a low inductance cable (11) having a first conductor (11A), one end of which is connected to a terminal of the direct current power source (8A), and a second conductor (11B), one end of which is connected to the other terminal of the direct current power source (8A), the low inductance cable (11) being constituted so as to reduce inductance in the first and second conductors (11A, 11B).

characterised by

a direct to alternating current converter (13) positioned in the vicinity of the machining gap and having an input and an output, the input being connected to the other ends of the first and second conductors (11A, 11B), and the output being connected to the machining gap for delivering alternating current pulses to the machining gap.

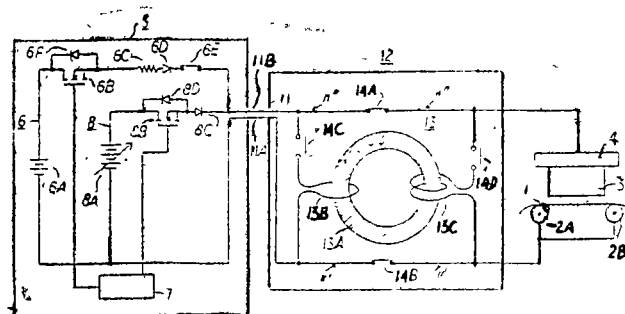


FIG. 1

(Compl. Specn. : 20 pages;

Drgns. : 06 sheets)

Ind. Cl. : 56 E

183902

Int. Cl.⁴ : C 07 C 15/04.

"AN APPARATUS FOR PRODUCING PURE BENZENE AND PURE TOLUENE FROM A PRELIMINARY PRODUCT CONTAINING AROMATIC HYDROCARBONS AND A PROCESS THEREFOR".

Applicant : KRUPP KOPPERS GMBH; ALTENDORFER STRASSE 120, 45143 ESSEN, GERMANY.

Inventors :

1. MARTIN LEISSE
2. DR. HANS-JURGEN VOLLMER
3. DR. UWE RANKE.

Application No. : 989/Cal/95 filed on 22-08-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

An apparatus for producing pure benzene and pure Toluene from a preliminary product containing aromatic hydrocarbons, the apparatus comprising :

the first column with a side take-off for separating the preliminary product into a benzene-rich and into a toluene rich intermediate,

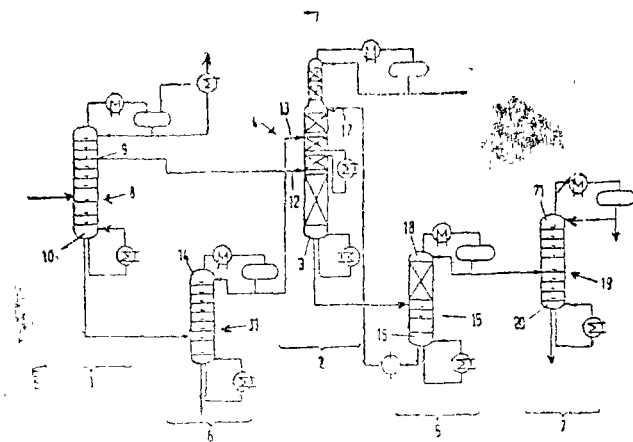
an extractive distillation column (4) with an intermediate feed connection (12) for the benzene-rich intermediate and with an intermediate feed connection (13) for the toluene-rich intermediate,

a stripping column (15) connected to the bottom (3) of the extractive distillation column (4), wherein the extractant can be withdrawn from the bottom (16) of the stripping column (15) and can be fed via an extractant feed line (17) to the extractive distillation column (4) and wherein a mixture of pure benzene and pure toluene can be withdrawn from the top (18) of the stripping column (15), characterised in that,

the first column is a stabilising column (8) installed for freeing the preliminary products from gases and for separating the preliminary product into a benzene-rich and into a toluene-rich intermediate,

that a pre-distillation column (11) for freeing the toluene-rich intermediate from high-boiling components is connected to the bottom (10) of the stabilising column (8),

and that the extractive distillation column (4) is connected, via the intermediate feed connection (12, 13) firstly to the side take-off (9) of the stabilising column (8) and secondly to the top (14) of the pre-distillation column (11).



(Compl. Specn. : 17 pages;

Drgns. : 1 sheet)

Ind. Cl. : 40 B.

183903

Int. Cl.⁴ : B 01 J 32/00.

"DISKWISE-CONSTRUCTED HONEYCOMB BODIES IN PARTICULAR CATALYST CARRIER BODIES".

Applicant : LOHMAR GMBH & CO. KUNSTSTOFFFABRIK FÜR FACHSPEZIALTECHNOLOGIE MBH HAUPTSTRASSE 150, 53797 LOHMAR, GERMANY.

Inventors :

1. MAUS WOLFGANG
2. BRUCK ROLF
3. BODE HANS
4. MARTIN UDO

Application No. : 1148/Cal/95 filed on 22-09-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A honeycomb body, comprising : a central channel; and adjacent disks defining a multiplicity of curved outer channels; bounded by said disks, extending outwards from said central channel and each of said curved outer channels having a first end opening into said central channel and a second end opening into a peripheral region of said honeycomb body, said curved outer channels extend individually outward in an approximately involute form from said central channel, at least some of said disks having a macrostructure forming a lateral boundary of said outer channels, said disks with said macrostructure also having a microstructure extending at an angle to said macrostructure.

(Compl. Specn. : 11 pages;

Drgns. : 3 sheets)

Ind. Cl. : 128 A, G.

183904

Int. Cl.⁴ : A 61 F 13/18, 13/20.

"DISPOSABLE ABSORBENT PRODUCT WITH SECONDARY LIQUID-CONTAINMENT STRUCTURE".

Applicant : JOHNSON & JOHNSON INC., 2155 BOULEVARD PIE IX, MONTREAL QUEBEC, CANADA H1V 2E4.

Inventor : HENRI BRISEBOIS.

Application No. : 1172/Cal/95 filed on 28-09-1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office; Calcutta.

22 Claims

A disposable absorbent product, comprising :

a primary liquid-containment structure having longitudinally extending side edges and transversely extending end portions, said primary liquid-containment structure including:

(a) a liquid pervious cover layer (12) constituting a body facing surface;

(b) an absorbent core (14);

(c) a liquid impervious layer (16) underneath said absorbent core for preventing body exudate entrapped in said absorbent core from egressing therefrom and constituting a garment-facing surface;

the liquid-pervious cover layer (12) and the liquid impervious layer (16) being joined to one another to completely enclose the absorbent core;

a secondary liquid-containment structure (20) secured to said outer garment facing surface of the liquid impervious layer at a location intermediate said transversely extending end portion, said location being adjacent to a center of said primary liquid-containment structure, said secondary liquid-containment structure having a dimension measured along a longitudinal axis of said primary liquid-containment structure substantially less than a longitudinal dimension of said primary liquid-containment structure, said secondary liquid-containment structure including :

(a) a reservoir zone positioned underneath said liquid-impervious layer;

(b) a pair of liquid-acquisition zones located in adjacency to respective longitudinally extending side edges of said primary liquid-containment structure;

said liquid-acquisition zones being in liquid-communicative relationship with said reservoir zone whereby said liquid-acquisition zone are capable of intercepting body exudate leaking past said side edges and then transfer the body exudate to said reservoir layer.

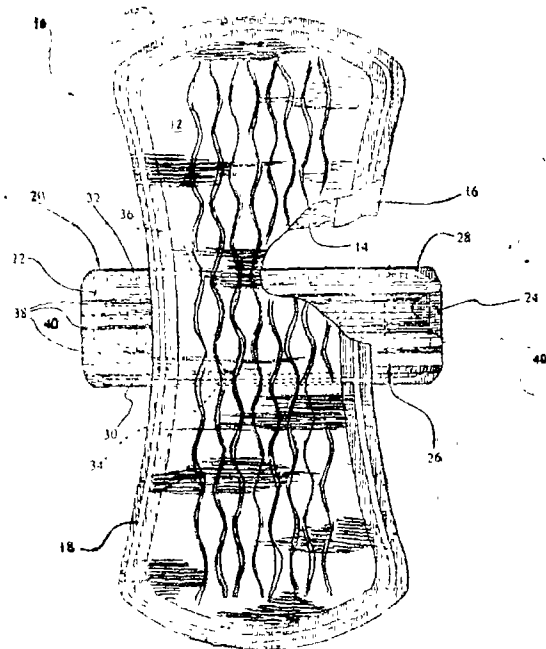


Fig.1

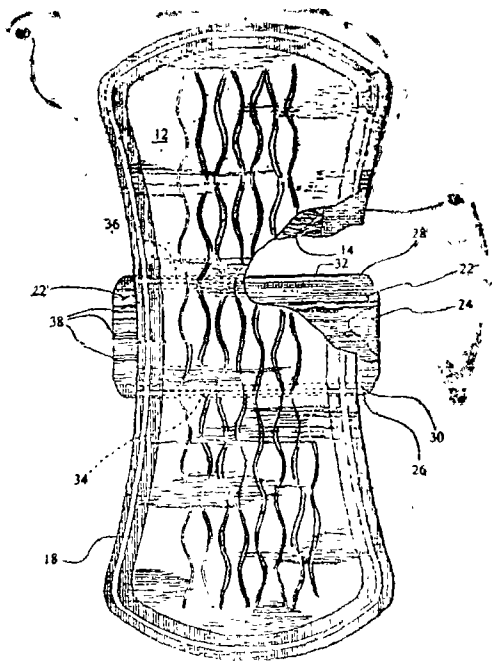


Fig.2.

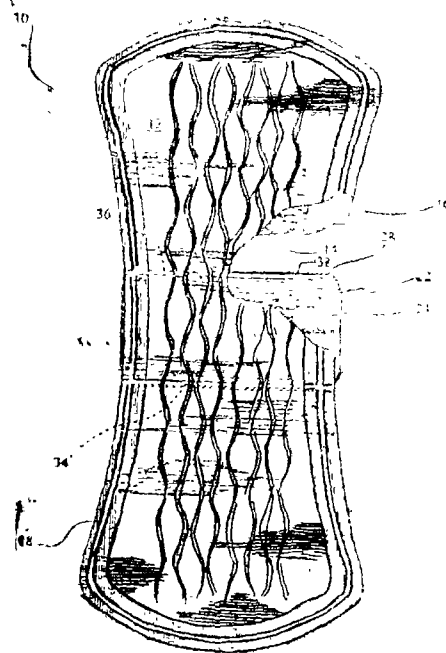


Fig.3

(Compl. Specn. : 25 sheets;

Drgns. : 3 sheets)

Ind. Cl. : 126A.

183905

Int. Cl.⁴ : G 01 R-23/16.

"APPARATUS FOR GENERATING A SIGNAL REPRESENTATIVE OF A TOTAL HARMONIC DISTORTION IN WAVEFORMS OF AN A/C ELECTRICAL SYSTEMS".

Applicant : EATON CORPORATION; 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, U.S.A.

Inventor : ROBERT TRACY ELMS.

Application No. : 1197/Cal/95 filed on 05-10-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

7 Claims

Apparatus (1) for generating a signal representative of total harmonic distortion in an ac waveform having a fundamental frequency, said apparatus comprising :

sensing means (7, 9) generating a sensed signal representative of said ac waveform;

means (11, 13) for converting said sensed signal from analog to digital;

means (15) for processing said digital signal; said processing means;

generating from said sensed signal a fundamental signal representative of a fundamental frequency component of said sensed signal;

generating a harmonic signal as a difference between said sensed signal and said fundamental signal; and

generating a total harmonic distortion signal from said fundamental signal and said harmonics signal.

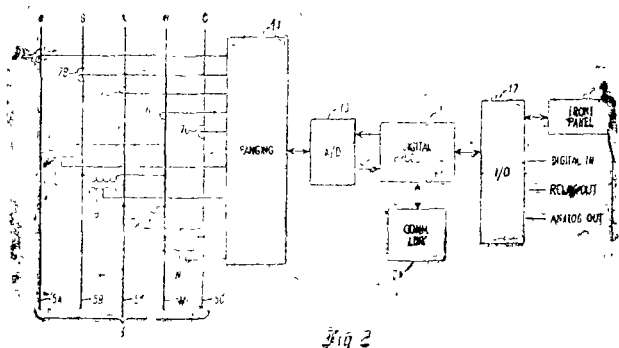


Fig 2

(Compl. Specn. : 14 pages;

Drgns. : 2 sheets)

Ind. Cl. : 40 C.

183906

Int. Cl.⁴ : A 61 K-49/00 G 015 15/04.

Title : "A METHOD FOR THE MANUFACTURE OF GASEOUS ULTRASOUND CONTRAST AGENT".

Applicant : SONUS PHARMACEUTICALS, INC; 32 LOOCKERMAN SQUARE, SUITE L-100, DOVER, COUNTY OF KENT, DELAWARE 19901, U.S.A.

Inventor : STEVEN CARL QUAY.

Application No. : 1072/Cal/97 filed on 06-06-1997.

(Divided out of No. 673/Cal/92 ante-dated to 15-09-1992).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

2 Claims

A method for the manufacture of an ultrasound contrast agent, in the form of gas filled microspheres, the method comprising the steps of :

(a) Selecting atleast one gaseous fluorine containing chemical from the group comprising perfluorobutane, perfluoropropane, and perfluoropentane;

(b) adding said gaseous fluorine containing chemical to viscous protein solution, such as herein described;

(c) submitting said viscous protein solution to known conditions, to produce gas filled protein microspheres.

(Compl. Specn. : 44 pages;

Drgns. : Nil)

Ind. Cl. : 55 E4.

183907

Int. Cl.⁴ : A 61 K 31/045.

Title : "PROCESS FOR PREPARING POLYPRENOL AND ITS DERIVATIVES".

Applicant : KURARAY CO. LTD., OF 1621 SAKAZU, KURASHIKI-CITY, OKAYAMA-PREF, JAPAN.

Inventors :

1. KATUJI UJITA
2. KOICHI KANEHIRA
3. YOSHIN TAMAI

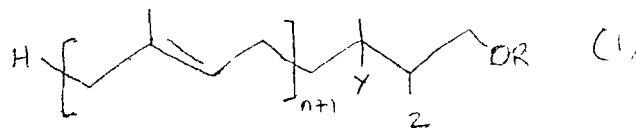
Application No. : 661/Cal/98 filed on 17-04-1998.

(Convention No. 108687/1997 filed on 25-04-1997 in Japan).

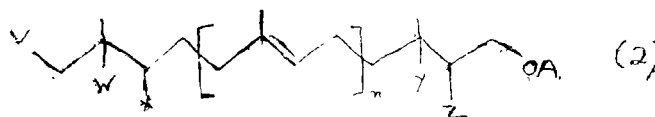
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

5 Claims

A process for preparing polyprenol and its derivatives represented by the formula (1) :



wherein Y and Z individually represent a hydrogen atom or are coupled together to form a carbon-carbon bond, R represents a hydrogen atom or a protective group of a hydroxyl group, and n stands for an integer of 0 or more, which comprises bringing 2 to 20 mole equivalents based on compound, an organic complex alkaline metal such as herein described into contact with a compound represented by the following formula (2) :



wherein concerning V, W and X, V represents a halogen atom, while W and X are coupled together to form a carbon-carbon bond or X represents a halogen atom, while V and W are coupled together to form a carbon-carbon bond; A represents a protective group of a hydroxy group; and Y, Z and n have the same meanings as defined above in the presence of a solvent such as herein described at a temperature range of -50 to 50°C for 1-40 hours.

(Compl. Specn. : 18 pages;

Drgns. : Nil)

Ind. Cl. : 32 F2 (b), 55E2.

183908

Int. Cl.⁴ : A 61 K 31/16, C 07 D 201/16.

Title : "A PROCESS FOR THE PREPARATION OF SUBSTANTIALLY, ENANTIOMERICALLY PURE N-PROTECTED (1R, 4S)-2-AZABICYCLO [2.2.1] HEPT-5-EN-3-ONE".

Applicant : GLAXO GROUP LIMITED OF BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, UNITED KINGDOM.

Inventors :

1. MICHAEL JOHN DAWSON
2. MAHMOUDIAN MAHMOUD
3. CHRISTOPHER JOHN WALLIS

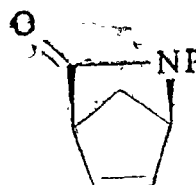
Application No. : 1499/Cal/1998 filed on 21-08-1998.

(Convention No. 9717928.7 filed on 22-08-1997 in United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

13 Claims

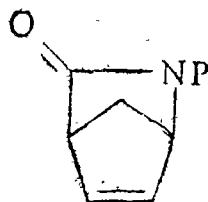
A process for the preparation of substantially enantiomerically pure N-protected (1R, 4S)-2-azabicyclo [2.2.1] hept-5-en-3-one of formula (IV)



(IV)

wherein P is an activating and protecting group such as herein described.

wherein a racemic mixture of N-protected (\pm) 2-azabicyclo [2.2.1] hept-5-en-3-one (V)



(V)

wherein P is an activating and protecting group such as herein described.

is treated with an acylase enzyme such as herein described, in a mixture of organic solvent and water at a pH of less than 11 and a temperature of less than 50°C and the unreacted enantiomer of formula (IV) is isolated from the reaction mixture by conventional techniques.

(Compl. Specn. : 18 Pages)

Ind. Cl. : 32 F₂(b), 55 E₂.

183909

Int. Cl. : A 61 K 31/505, C 07 D 239/02.

"PROCESS FOR PREPARING 2, 4, 6-TRISUBSTITUTED PYRIMIDINES USEFUL AS INTERMEDIATES FOR HERBICIDES".

Applicant : AMERICAN CYANAMID COMPANY OF FIVE GIRALDA FARMS MADISON, NEW JERSEY 07940 0874, U.S.A.

Inventors :

1. AXEL KLEEMANN
2. HELMUT SIEGRIED BALTRUSCHAT
3. THEKLA HUELSEN
4. THOMAS MAIER

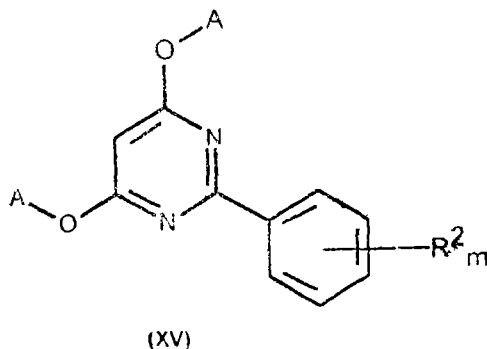
Applicant No. : 1791/Cal/98 filed on 09-10-1998.

(Divided out of No. 130/Cal/96 ante-dated on 24-01-1996).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

4 Claims

1. A process for preparing a compound of general formula (XV).



(XV)

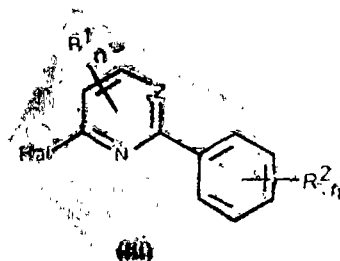
wherein

A represents a substituted aryl group or an optionally substituted 5- or 6 membered nitrogen-containing heteroaromatic group or a difluorobenzodioxolyl group;

m represents an integer from 0 to 5;

R² (or each R²) independently represents a halogen atom, an optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkoxyalkyl, alkoxyalkoxy, alkylthio, alkylsulphonyl, SF₅, alkylsulphonyl group or a nitro, cyano, haloalkyl, haloalkoxy, haloalkylthio or pentahalosulphonyl group, with the provisos that

which comprises reacting of a compound of general formula III



wherein R¹ is 6-halo and Z is N and m and R² are as defined above, with a compound of general formula IV

A—XM

(IV)

wherein, X means oxygen, M is a metal and A is as defined above.

(Compl. Specn. : 40 Pages)

Ind. Cl. : 55 E₄

32 F₂ (b)

183910

Int. Cl. : C 07 D 239/04

A 61 K 31/505.

PROCESS FOR PREPARING 2, 4, 6-TRISUBSTITUTED PYRIMIDINES.

Applicant : AMERICAN CYANAMID COMPANY, OF FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940 0874, U.S.A.

Inventors :

1. AXEL KLEEMANN
2. HELMUT SIEGFRIED BALTRUSCHAT
3. THEKLA HUELSEN
4. THOMAS MAIER.

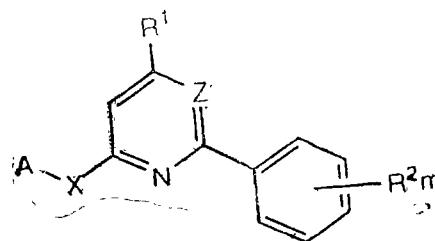
Application No. 1792/Cal/1998 filed on 9-10-1998.

(Divided out of No. 130/Cal/96 ante-dated 24-1-1996).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

05 Claims

1. A process for preparing a compound of the general formula (I)



(I)

wherein

A represents a substituted aryl group or an optionally substituted 5- or 6 membered nitrogen-containing heteroaromatic group or a difluorobenzodioxolyl group;

m represents an integer from 0 to 5;

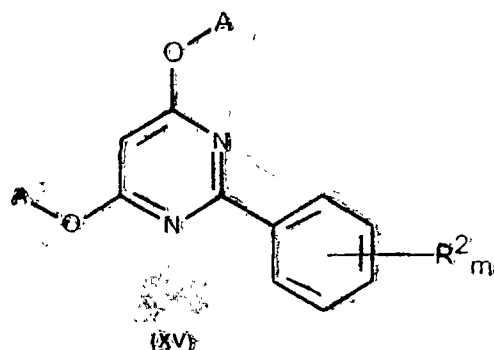
R¹ independently represents an optionally substituted alkoxy, alkoxyalkoxy, alkylthio, amino, alkylamino, dialkylamino or alkoxyamino group;

R² (or each R²) independently represents a halogen atom, an optionally substituted alkyl, alkenyl, alkynyl, alkoxy, alkoxyalkyl, alkoxyalkoxy, alkylthio, alkylsulphonyl, SF₆, alkylsulphonyl group or a nitro, cyano, haloalkyl, haloalkoxy, haloalkylthio or pentahalosulphonyl group.

X represents an oxygen and

Z represents a nitrogen atom; which comprises

reacting of a compound of general formula XV



with a compound of general formula R¹-H or a metal salt thereof, wherein A, m and R² are defined hereinabove and R¹ is optionally substituted alkoxy, alkoxyalkoxy, alkylthio, amino, alkylamino, dialkylamino or alkoxy amino.

(Compl. Specn. 42 Pages)

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Panacea Biotech Limited, New Delhi-110 044 to grant of patent to application No. 183455 (203/Bom/97) made by M/s. Stoplik Services India Pvt. Ltd., Thane-400 604.

An opposition has been entered by M/s. Panacea Biotech Ltd., New Delhi-110 044 to grant of patent to Application No. 183458 (454/Bom/98) made by M/s. Stoplik Services (I) Pvt. Ltd., Thane-400 604.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 77/Cal/92 (176317) made by M/s. Abex Corporation has been allowed to proceed in the name of Pneumo Abex Corporation.

AMENDMENT U/S. 78(3) OF THE PATENTS ACT, 1970 IN RESPECT OF THE APPLICATION FOR PATENT NO. 177057 (829/Del/90).

In pursuance of the Controller's Power vested u/s. 78(3) of the Patents Act, 1970, the proposed amendments have been made in respect of the application for Patent No. 829/Del/90 (177057) as follows :—

In the claim 16 of Page 54 delete the word 'antidandruff aids' before the word 'hair-growth'.

In page 16, line 11, delete the word "antidandruff agents" before the word 'hair-growth promoters' and after the word 'styling agents'.

AND In page 50, insert the following Para "The present composition will not be used as 'Drug' and also not capable of being used as 'Drug'.

RENEWAL OF FEES

180449	181149	177934	175534	169402	172074	172190	176448
180334	180335	180336	182402	182607	165510	165726	166144
167620	167953	168399	170449	170767	178874	178990	180384
180386	179711	179729	179730	180735	181263	174481	179985
182614	182618	182619	172109	172329	172597	172971	173447
173902	175747	175846	176085	176473	176588	176712	176859
176860	176861	176862	181300	177049	177111	177675	177717
177718	177724	178025	178395	178835	177248	180385	177917
172302	176559	170447	174359	177249	174244	179014	175527
176688	176608	167495	174354	177719	177716	180388	180752
180754	180753	180321	180324	179728	181429	174628	176855
180206	181261	174245	168874	172531	172594	174606	174772
174849	175607	177720	180060	181480	173482	175181	180055
178593	170457	174604	174775	180870	174945	175303	176403
180326	180734	172219	182627	174095	174197	176500	177108
178425	182080	182163	182253	182294	182337	182457	182471
182477	182592	182652	182667	182959	181016	179021	182294
179213	168654	173858	174674	181584	182711	178262	182678
182822	182795	181335	177544	181708	177082	178225	178104
181058	178204	174029	177555	176197	170887	177074	177683
178975	172798	175826	170729	172006	183068	181014	169739
172170	182960	166542	177039	175938	181594	181897	172293
175780	181670	182645	168759	179569	170251	182799	181013
176304	179437	173428	173716	169498	171526	173258	173388
174661	177689	171657	171658	176315	171551	173717	171039
180777	181179	181606	176484	173718	175658	171555	179055
182798	181178	178678	171138	177370	177341	181353	168974
177604	175044	177350	170728	181780	181806	182647	182630
176294	178708	177527	182931	180770	182478	174362	181951
177844	180257	182110	175271	174877	177601	182997	174959
178674	177590	178221	175923	177071	177110	177574	177881
181336	181762	182202	182292	182671	182999	183063	171556
175780	182675	182652	181338	168809	179148	168830	170773
176991	178370	172292	182867	171554	178980	177577	170727
176043	182315	180002	174833	176054	176351	177434	177543
177585	178917	179056	180712	182253	182262	182652	168223
169735	175591	171063	174459	176300	177497	176293	179991
179543	181516	178411	181664	181324	182344	165370	169496
169737	170882	172524	178789	180253	181517	181586	182504
182532	177990						

PATENT SEALED ON 13-4-2000

183137 183149*D 183152 183153 183181 183183* 183184*
 183185* 183186 183190*D 183191*D 183192*D 183193*D
 183201 183204 183206 183209 183210 183215 183216 183219
 183220

CAL-07, DEL-09, MUM-02, CHEN-04

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the date
 of sealing.

D Drug Patents.

F Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for a period of two years from the date of
 registration except as provided for in Section 50 of the De-
 signs Act, 1911.

The date shown in the each entries is the date of registra-
 tion included in the entries.

Class 3. No. 180393. V.I.P. Industries Ltd., Indian Co., of
 DGP House, 88-C, Old Prabhadevi Road, Mum-
 bai-400025, Maharashtra, India. "SUITCASE",
 Sept. 21, 1999.

Class 3. No. 180384. Metallica Industries, 2nd floor Navjee-
 van Ind. Estate, Oshiwara Bridge, Jogeshwari (W),
 Mumbai-300102, Maharashtra, Indian Proprietary
 Firm. "MIXIE". September 17, 1999.

Class 3. Nos. 180313. G. S. Lighting (P) Ltd., Indian Com-
 pany of 120, Humayun Pur, Safdarjung Enclave,
 New Delhi-110029, India. "LIGHT". 9th Sept.,
 1999.

Class 3. No. 180392 V.I.P. Industries Ltd., Indian Company,
 DGP House, 88-C, Old Prabhadevi Road, Mum-
 bai-400025, Maharashtra, India. "SUITCASE".
 September 21, 1999.

Class 3. No. 180351. The Goodyear Tire & Rubber Com-
 pany, at 1144 East Market Street, Akron, Ohio
 44316-0001, U.S.A. "TYRE TREAD". Sept. 14,
 1999.

Class 3. No. 180352. The Goodyear Tire & Rubber Com-
 pany, at 1144 East Market Street, Akron, Ohio
 44316-0001, U.S.A. "TYRE TREAD". Sept. 14,
 1999.

Class 3. No. 180353. The Goodyear Tire & Rubber Com-
 pany, at 1144 East Market Street, Akron, Ohio
 44316-0001, U.S.A. "TYRE TREAD". Sept. 14,
 1999.

Class 10. No. 180381. Surendra Polymers, T-2/136, Mangal
 Puri Industrial Area, Phase-I, Delhi-110085, India,
 an Indian Proprietary Firm. "SHOE". Sept. 17,
 1999.

Class 10. Nos. 180382 & 180383. Galaxy Sports Shoes Co.
 Pvt. Ltd., H-49, Udyog Nagar, Rohtak Road,
 Delhi-41, India. "FOOTWEAR". September 17,
 1999.

Class 11. Nos. 180371 to 180375. Ritika Limited, Indian
 Company of 138, Beliaghata Road, Calcutta, W.B.,
 India. "KURTA". Sept. 16, 1999.

Class 13. Nos. 180376 to 180378. Ritika Limited, Indian
 Company of 138, Beliaghata Road, Calcutta, W.B.,
 India. "KURTA". Sept. 16, 1999.

H. D. THAKUR

Controller General of Patents, Designs & Trade
 Marks

प्रबन्धक, भारत सरकार मुद्रालय, फरीदाबाद द्वारा मुद्रित
 एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2000

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